



**8x8**

# Security and Compliance Assurance Packet

Prepared by the 8x8 Security Team  
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Version 4.0

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## Welcome

Welcome to 8x8! We connect people and organizations through seamless communication on the industry's most integrated platform for Customer Experience - combining Contact Center, Unified Communication, and CPaaS APIs.

Recognised as a leader in the Gartner Magic Quadrant for Unified Communications as a Service (UCaaS) for thirteen consecutive years, and in the Gartner Magic Quadrant for Contact Center as a Service (CCaaS) for ten consecutive years, we transform, empower and create lasting business impact and strong, strategic partnerships.

We are also proud to attest to our best in class information and cybersecurity security framework which reflects our continuous investment in leading technologies and thought leadership. Independent evaluation and certification against international compliance frameworks is testament to our commitment to provide services that set the benchmark for trust, integrity and reliability.

The 8x8 Security and Compliance Assurance Packet provides comprehensive information regarding the technologies, supporting processes and certifications that affirm our commitment to protecting customer data, drive confidence and transparency in our protective security strategies and support our customers in achieving their regulatory obligations, in addition to our own.

Let's power your ambitions, together.

### **Darren Remblence**

Chief Information Security Officer  
8x8, Inc.



## Why 8x8?

The 8x8 Experience Communications Platform™ is the first and only true XCaaS platform in the market and optimizes omnichannel customer experience with data-driven insights while enabling robust employee engagement in a work-from-anywhere world. 8x8 XCaaS erases the boundary between Unified Communications as a Service (UCaaS) and Contact Center as a Service (CCaaS) to help organizations deliver modern communications experiences that drive revenue, cut costs, and optimize operations for the new world of work.

### Secure & Compliant

8x8 protects your business using some of the strictest security requirements for data security, privacy, and compliance - verified by 3rd party security and compliance certifications.

### Integrated

Organizations searching for communications technology that bridges employee and customer experience gaps find that an integrated platform provides the highest reliability, security, and the best overall value. The 8x8 XCaaS platform brings customer and employee experience together with contact center, voice, video, chat, and APIs on one cloud-native platform.

### Reliable

Our proprietary 8x8 Experience Communications Platform™ is designed from the ground up and delivered from top-tier, redundant, geographically

diverse, state-of-the-art cloud locations/regions to ensure the highest possible uptime for contact center, voice, video, chat. The 8x8 Experience Communications Platform™ also uses patented Global Reach™ technology and built-in software intelligence to deliver high availability and mitigate common cloud communications challenges, such as connectivity issues, audio and video quality problems, and service outages.

Our platform offers a financially-backed, platform-wide 99.999% uptime SLA across UCaaS and CCaaS.

### Insightful

From call activity reporting to AI-driven speech analytics, 8x8's unique ability to bring together and analyze data from all your communication touchpoints provides unique insights that drive productivity improvements, cost savings, and revenue growth.

# Message from 8x8 Security and Compliance

Built on the 8x8 Experience Communications Platform™, 8x8 is responding to the new needs of businesses today and uniquely provides a single-vendor, fully integrated, cloud-native contact center, voice, team chat, meetings, and Communications Platform as a Service (CPaaS) platform. With XCaaS, 8x8 is delivering on the innovation that will advance our customers' increasingly connected EX and CX-focused communications, collaboration, and engagement needs.

The 8x8 Platform offers:

- 8x8 Contact Center
  - An omnichannel contact center solution supporting inbound/outbound interactions for all voice and digital channels
  - A conversational AI solution for automated self-service experiences
  - A full suite of Workforce Engagement Management applications that include native Quality Management and Speech and Text Analytics
- 8x8 Work
  - Enterprise-grade PBX features that include auto-attendant, voicemail, flexible call flow rules, and number coverage in over 100 countries
  - Business SMS/MMS and internet fax
  - End-to-end encrypted video meetings
  - 1-1 or team chat and private or public chat room
- In-depth reporting and robust analytics
- Unified administration for license management, number porting, provisioning, and configuration
- Integrations with 40+ popular business and productivity apps like Microsoft Teams, Salesforce etc.
- 8x8 Communications Platform as a Service (CPaaS)
  - Transforming the future of business communications as a leading global Software-as-a-Service provider.
  - Communications Platform as a Service (CPaaS), provides a cloud-based infrastructure and platform to integrate real-time communications capabilities such as SMS, chat apps, voice, and video calls directly into applications, websites and workflows, using APIs.

## System Hardening

8x8 designs its XCaaS (8x8 Work including phone, video and chat capabilities, 8x8 Contact Center, JaaS, CPaaS Messaging, CPaaS Chat Apps, CPaaS Voice) platform to meet its regulatory commitments that 8x8 provides to its clients, the laws and regulations that govern the provision of those services, and the financial, operational, and compliance storage and transmission following NIST guidelines and Center for Internet Security (CIS) hardening standards.

## Encryption

All discovered subdomains and IPs require Transport Layer Security (TLS) 1.2 and above. 8x8's key length requirements are reviewed annually as part of our yearly security review. 8x8 maintains technical requirements for our established services, as well as operational requirements in its system design.

## Network

8x8 documents its network design for the purpose of showing its network interconnectivity and perimeter security of its network via policy enforcement points (PEPs), including firewalls. PEP configurations are used throughout XCaaS. The XCaaS architecture also utilizes segmentation for Confidentiality, Integrity, and Availability monitoring and control points.

## Cloud Storage

The XCaaS environment is based in Amazon Web Services (AWS) and uses technologies including Application and Network Load balancers, VPCs, EC2 instances, S3 buckets, Route53 Domain Name System (DNS), CloudWatch, CloudTrail, and GuardDuty.

The Meetings and JaaS technology stack uses cloud services from both AWS and Oracle Cloud Infrastructure (OCI) in a hybrid configuration. Signaling and Public Switched Telephone Network (PSTN) connection services are provided on secure AWS EC2 instances and supported by global accelerators, Application Load Balancers, and HAProxy (also in EC2). Video bridge services (also called "Selective Forwarding Units" [SFUs]) and meeting recording capabilities are implemented on secure virtual machines in OCI. Network connectivity between cloud providers is provided by Megaport and is backed up by secure virtual private networks (VPNs).

## Data Centers

Data centers and internet points-of-presence are maintained around the world to accommodate both processing capacity and data jurisdictional issues. Internet connectivity is critical for 8x8 and includes multiple connections from multiple internet service providers. Connectivity from 8x8 offices to data centers environments is accomplished with an IPSEC VPN. Connectivity from data centers to AWS and OCI cloud environments are provided with secure dedicated routes, which is backed up by IPSEC-based VPN. Connectivity between data centers uses a mix of private circuits and IPSEC-based VPN.





## 8x8's 3rd Party Validations

### PCI Data Security SAQ D

The Payment Card Industry Data Security Standard (PCI DSS) outlines a set of security requirements that all organizations handling credit card information must follow. The purpose of the standard is to ensure that sensitive credit card data is stored, processed, and transmitted securely.

**8x8's XCaaS services have been reviewed by a nationally recognized Qualified Security Assessor (QSA) and have been assessed PCI compliant.**





## HIPAA Security Rule Compliance

The Health Insurance Portability and Accountability Act (HIPAA) stipulates how Personally Identifiable Information (PII) maintained by the healthcare and healthcare insurance industries should be protected from fraud and theft.

**8x8's third-party auditing organization, A-Lign, assessed our controls for SOC 2 Type 2 compliance and they completed an in-depth mapping to HIPAA requirements for our entire product offering. The mapping demonstrates proper controls between our SOC and HIPAA requirements. A-Lign's auditors have validated that our environment does protect HIPAA data. Below is a sample from the auditors report:**

Technical Safeguards			
HIPAA Ref	HIPAA Regulation	SOC 2 Criteria ID	Control Activity Specified by the Service Organization
164.312 (e)(1)	<b>Transmission security:</b> Implement technical security measures to guard against unauthorized access to ePHI that is being transmitted over an electronic communications network.	CC6.1; CC6.6; CC6.7	VPN, TLS and other encryption technologies are used for defined points of connectivity.  Server certificate-based authentication is used as part of the TLS encryption with a trusted certificate authority.  Mobile devices are protected through the use of secured, encrypted connections.  VPN users are authenticated via multi-factor authentication prior to being granted remote access to the system.
164.312 (e)(2)(i)	<b>Integrity controls:</b> Implement security measures to ensure that electronically transmitted ePHI is not improperly modified without detection until disposed of.	CC6.1; CC6.6; CC6.7	VPN, TLS and other encryption technologies are used for defined points of connectivity.  Server certificate-based authentication is used as part of the TLS encryption with a trusted certificate authority.  Mobile devices are protected through the use of secured, encrypted connections.  VPN users are authenticated via multi-factor authentication prior to being granted remote access to the system.
164.312 (e)(2)(ii)	<b>Encryption:</b> Implement a mechanism to encrypt ePHI whenever deemed appropriate.	CC6.1; CC6.6; CC6.7	VPN, TLS and other encryption technologies are used for defined points of connectivity.  Server certificate-based authentication is used as part of the TLS encryption with a trusted certificate authority.  VPN users are authenticated via multi-factor authentication prior to being granted remote access to the system.  Data is stored in an encrypted format using software supporting SSE-S3.  Mobile devices are protected through the use of secured, encrypted connections.

When properly configured, 8x8 products and services are HIPAA compliant.

## HITRUST

HITRUST is a privately held company located in the United States. The HITRUST Common Security Framework (CSF) is a prescriptive set of controls that meet the requirements of multiple regulations and standards for use by organizations that create, access, store or exchange sensitive and/or regulated data.

**8x8's third-party auditing organization, A-Lign, assessed our controls for SOC 2 Type 2 compliance and they completed an in-depth mapping to HiTrust requirements. The mapping demonstrates proper controls between our SOC and HiTrust requirements. A-Ligns' auditors have validated that our environment does protect data. Below is a sample from the auditors report:**

SOC 2 to HITRUST Control Mapping	CC1.1	CC1.2	CC1.3	CC1.4	CC1.5
	COSO Principle 1: The entity demonstrates a commitment to integrity and ethical values.	COSO Principle 2: The board of directors demonstrates independence from management and exercises oversight of the development and performance of internal control.	COSO Principle 3: Management establishes, with board oversight, structures, reporting lines, and appropriate authorities and responsibilities in the pursuit of objectives.	COSO Principle 4: The entity demonstrates a commitment to attract, develop, and retain competent individuals in alignment with objectives.	COSO Principle 5: The entity holds individuals accountable for their internal control responsibilities in the pursuit of objectives.
HITRUST CSF Control					
00.a InfoSec Management Program*		X			
01.a Access Control Policy					
01.b User Registration*					
01.c Privilege Management*					
01.d User Password Management*					
01.i Policy on Use of Network Services					
01.j User Auth. for Ext. Connections*					
01.k Equip Ident. in Networks					
01.l Remote Diagnostic & Config Port Protection*					
01.m Segregation in Networks*					
01.o Network Routing Control*					
01.q User Identification and Authentication*					
01.s Use of System Utilities					
01.w Sensitive System Isolation*					
02.a Roles and Responsibilities*				X	
02.b Screening				X	
02.c Terms and Conditions of Employment				X	
02.d Management Responsibilities*		X		X	
02.e InfoSec Awareness, Education, and Training*	X			X	

## Cyber Essentials Plus

Cyber Essentials is a UK government backed scheme that provides a set of basic security controls that an organization, whatever its size, needs in order to defend against the most common cyber attacks.

**8x8 has successfully completed a Cyber Essentials Plus security assessment.**



# CERTIFICATE OF ASSURANCE

8x8 UK Limited

Oxford House Bell Business Park, Smeaton Close Aylesbury HP19 8JR

COMPLIES WITH THE REQUIREMENTS OF THE CYBER ESSENTIALS PLUS SCHEME



NAME OF ASSESSOR : Chris Mcgee

CERTIFICATE NUMBER : 053ec56b-dd8d-435e-8720-894373c6f25c

PROFILE VERSION : 3.1 (Montpellier)

SCOPE : Whole Organisation

DATE OF CERTIFICATION : 2025-01-17

RECERTIFICATION DUE : 2026-01-17

SCAN QR CODE TO VERIFY THE AUTHENTICITY OF THIS CERTIFICATE

CERTIFICATION MARK



CERTIFICATION BODY



CYBER ESSENTIALS PARTNER



The Certificate certifies that the organisation was assessed as meeting the Cyber Essentials Plus implementation profile and thus that, at the time of testing, the organisations ICT defences were assessed as satisfactory against commodity based cyber attack. However, this Certificate does not in any way guarantee that the organisations defences will remain satisfactory against a cyber attack.

## SOC 2 Type 2

System and Organization Controls (SOC) is a suite of audit reports defined by the American Institute of Certified Public Accountants (AICPA), intended for use by service organizations to issue validated reports of internal controls over those information systems to the users of those services.

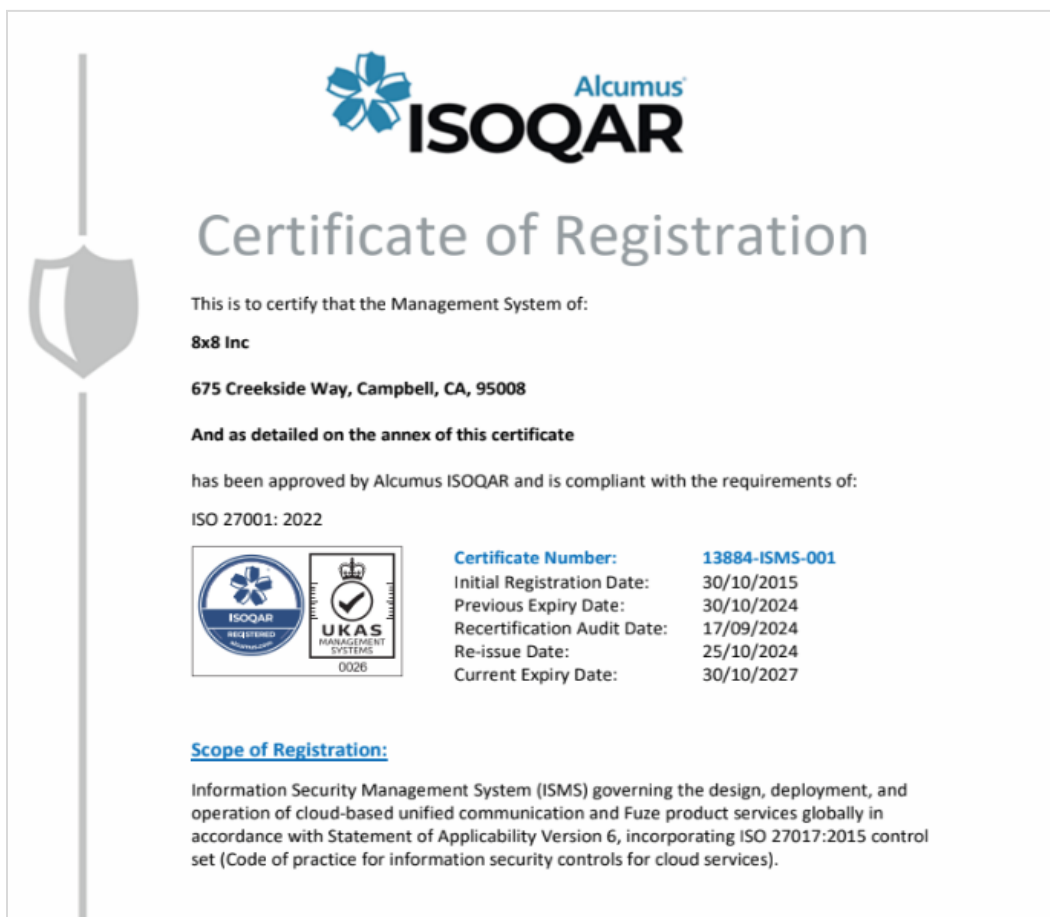
**8x8's XCaaS services have been reviewed by a nationally recognized Qualified Security Assessor (QSA) and have passed a SOC 2 Type 2 audit.**



## ISO 27001 / ISO 27017

ISO 27001 is an international standard framework for an effective Information Security Management System (ISMS). ISO 27001 requires that management systematically examine the organization's information security risks, design and implement a coherent and comprehensive suite of information security controls and adopt an overarching management process to ensure that the information security controls continue to meet the organization's information security needs on an ongoing basis.

**8x8 has been found compliant with the requirements of ISO 27001:2022, incorporating the additional ISO 27017:2015 controls by an accredited certification body following successful completion of an audit.**



## FISMA / NIST SP 800-53 R5

NIST Special Publication 800-53 is a catalog of security and privacy controls intended to assist federal agencies and corporations implement the Federal Information Security Modernization Act of 2014 (FISMA) to protect their data and information systems.

**8x8 is NIST SP 800-53 R5 compliant.**

**A nationally recognized Qualified Security Assessor (QSA) performed an assessment of the 8x8 XCaaS environment and found 8x8 to be NIST SP 800-53 R5 compliant at the FISMA Moderate level.**





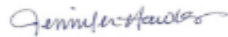
Science and Technology (NIST) Special Publication 800-53 control families for 104 applicable controls for the XCaaS environment.

#### **Summary of Findings**

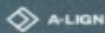
A-LIGN reviewed 212 artifacts throughout the assessment, including policies, procedures, and supporting documentation. A-LIGN verified 8x8's Federal Information Processing Standards Publication (FIPS) 199 to ensure that Moderate was the appropriate system categorization for the XCaaS information system.

If you have questions or concerns, please do not hesitate to contact me at [jennifer.hawks@a-lign.com](mailto:jennifer.hawks@a-lign.com).

Sincerely,



Jennifer Hawks  
Public Sector Practice Lead  
A-LIGN accredited FedRAMP 3PAO



[A-LIGN.COM](https://www.a-lign.com)

## Cyber Trust mark

The Cyber Trust mark is a cybersecurity certification for organizations with extensive digital business operations. Put forth by the Cyber Security Agency of Singapore (CSA).

The Cyber Trust mark serves as a mark of distinction for organizations to prove that they have put in place good cybersecurity practices and measures that are commensurate with their cybersecurity risk profile.

**8x8 is CSA Cyber Trust mark (Advocate Level) certified.**

**TÜV SÜD PSB performed an assessment of 8x8 Information Security Management and found 8x8 systems to be Cyber Trust compliant.**



ISO 9001

ISO 9001 is a standard that sets out the requirements for a quality management system. It helps businesses and organizations to be more efficient and improve customer satisfaction.

**8x8 offices in the UK have been found compliant with the requirements of ISO 9001:2015 by an accredited certification body following successful completion of an audit.**



ISO 14001

ISO 14000 is a family of standards and guidelines related to environmental management to help organizations minimize how their operations negatively affect the environment, comply with applicable laws, regulations, and other environmentally oriented requirements, and continually improve in this area.

**8x8 offices in the UK and Paris have been found compliant with the requirements of ISO 14001:2015 by an accredited certification body following successful completion of an audit.**



## NHS-DSPT

The NHS Data Security and Protection Toolkit (DSPT) is a framework for organizations that work with the NHS and may handle NHS patient data, ensuring compliance with UK Data Security Standards. It is independently audited by a third party for service providers to verify adherence to stringent data protection requirements, including Cyber Essentials Plus, ISO and GDPR.

**8x8 has been assessed by an Independent Auditor and deemed to exceed the required standards.**

# Data Security and Protection Toolkit

2023-24 (version 6)



**8X8 UK LIMITED**

Oxford House, Bell Business Park, Aylesbury, England, HP19 8JR



**Standards  
exceeded**

Date of publication: 26 June 2024 (valid to: 30 June 2025)

This organisation has completed a Data Security and Protection Toolkit self-assessment to demonstrate it is practising good data security and that personal information is handled correctly.

**[www.dsptoolkit.nhs.uk](http://www.dsptoolkit.nhs.uk)**

# Strengthening Security with 8x8's Bug Bounty Program

At 8x8, security is a top priority. Since January 2020, we have partnered with a third-party Bug Bounty program to proactively identify and address potential vulnerabilities across our platforms, including 8x8 Work, 8x8 Contact Center, 8x8 CPaaS, and Jitsi.

This program enhances our in-house security efforts and third-party penetration testing by tapping into a global network of ethical hackers and security researchers. These experts help us stay ahead of emerging threats by identifying vulnerabilities that automated tools might miss.

Through our Bug Bounty program, we offer monetary rewards to researchers who successfully discover and report security flaws, reinforcing our commitment to continuous improvement. By working with the ethical hacking community, we strengthen our security posture and ensure our systems remain resilient against evolving cyber threats.

## Want to learn more?

### Contact 8x8

**Learn more about 8x8 XCaaS** and how it can supercharge your business communications.

**Connect with us to discuss 8x8's security and compliance** in more detail, fill out this [easy form](#) now.

**Learn more about 8x8 CPaaS** and how it can transform the future of your business communication, by visiting [this page](#) now.

